

In the Specification:

Before paragraph one on page one, please insert:

-- This application is a Division of prior U.S. Patent Application Serial No. 09/969,903 filed October 2, 2001 which is a Continuation of U.S. Patent Application Serial No. 10/241,011 filed February 1, 1999 now U.S. Patent No. 6,414,436 Issued on July 2, 2002 and entitled "Sapphire High Intensity Discharge Projector Lamp", the entire disclosure of which is hereby incorporated by reference into this application.--

Brief Description of the Drawings

[020] In the drawings:

Figure 1A is a top plan view of the (SC) sapphire lamp envelope;

Figure 1B is a side plan view of the bulb envelope of Figure 1A;

Figure 1C is an end plan view of the bulb envelope of Figure 1A;

Figure 2A is a side view of an LCD projector system using the (SC) sapphire bulb;

Figure 2B is a cross-sectional view of the first embodiment of the bulb using electrodes;

Figure 3 is a chart comparing heat effect on quartz and sapphire walls;

Figure 4 is a chart showing stress on a bulb as a function of tensile strength;

Figure 5 is a cross-sectional view of a second embodiment of the bulb using electrodes;

Figure 6 is a cross-sectional view of a third embodiment of the bulb, which is without electrodes;

Figure 7 shows a cross-section view of a single crystal electrodeless halide lamp with a

disc seal;

Table 1 is a comparison of sapphire to quartz;

Table 2 is a comparison of tensile strength at various temperatures of quartz and sapphire;

and

Table 3 is a comparison of thermal conductivity between quartz and sapphire.